

atgggccgtggcgaaggagctggagcattcgggctgggttcacccaccgcacggaggcctttgggggtggagccctcaggctca
 gggcatactacaaactttgccagcaaaccgcctcctgcctccaccaatgccagacaggaaggcagcctaccccgctgtctccacct
 ttgagaaacactcctcctcaggccatgcagtgggaattccac^aacctttcaccaaaactctgcaagatcccagagt^agagaggcctgtatttc
 cctgctggtggctccaggttcaggagcagtaaacctgttccgactactgcctctcccttatcgtcaatcttctcaggattggggaccctg
 5 cgctgaacatggagaacatcac^aicaggattcctaggacccttctcgtgttacaggcgggggttttctgttgacaagaatcctcacaata
 ccgcagagtctagactcgtggtggacttctcctaatttttaggggggaactaccgtgtgtcttgccaaaattcgagtcaccaactcca
 atcactaccaacctcctgtcctccaactgtcctgggtatcgtggatgtgtctcgggcggtttatcatcttctcttcatcctgctgctatgc
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 ccgaacctgcatgactactgctcaaggaacctctatgtatccctcctgttgcgtgtaccaaaccttcggacggaaattgcacctgtattccc
 10 atcccatcatcctgggctttcgaaaattcctatgggagtgggcctcagcccggtctcctggctcagtttactagtccattgttcagtggg
 tcgtagggttccccactgttggcttctcagttat^tatggatgatgtggtattgggggccaagtctgtacagcatcttgagtcctttttac
 cgctgttaccattttcttttgccttgggtatacatttaaac (SEQ ID NO: 4)

MGRGDGAGAFGLGFTPPHGGLLGWSPQAQGILETLPANPPPASTNRQSGRQPTPLSP
 PLRNTHPQAMQWNSTTFHQTLQDPRVRGLYFPAGGSSSGTVNPVPTTVSPISSIFSRIG
 15 DPALNMENITSGFLGPLLVLQAGFFLLTRILTIQSLDSWWTSNLFLGGTT^VCLGQNS
 QSPTSNHSPTSCPPTCPGYRWMCLRRFIIFLLIFLLVLLDYQGMLPVCPLIPGSS
 TTSTGPCRTCTTPAQGTSMYPSCCCTKPSDGNCTCIPISSWAFGKFLWEWASARFS
 WLSLLVPFVQWFVGLSPTVWLSVIWMMWYWGPSLYSILSPFLPLLPIFFCLWVYI
 (SEQ. ID NO: 1)

20

FIG. 1

atgccatcgcgaatctctcgaggattggggaccctggatccactactgtcaagcctccaagctgtgccttgggtggcttggggc
atggacatcgaccctataaagaatttgagctactgtggagtactctcgttttgccttctgacttcttcctcagtagagatcttctaga
taccgcctcagctctgtatcggaagccttagagtctctgagcattgttcacctaccatactgcactcaggcaagcaattcttgctgg
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5 ttatgtcaacactaatatgggcctaaagttcaggcaactcttggtttcacattctgtctcacttttgaagagaaaccgttatagagtatt
tggtgtcttcggagtgtggattcgcactcctccagcttatagaccaccaaagcccctatcctatcaacactccggaaactactgttgta
gacgacgaggcaggtcccctagaagaagaactccctcgctcgcagacgaaggctcaatcgccgcgtcgcagaagatctcaatct
cgggaaacctcaatgtagtattcc (SEQ ID NO:3)

MPLSSIFSRIGDPTVQASKLCLGWLWGMDIDPYKEFGATVELLSFLPSDFFPSVRDLL
10 DTASALYREALSPEHCSPHHTALRQAILCWGELMTLATWVGVNLEDPEFRGDASR
DLVVS YVNTNMGLKFRQLLWFHISCLTFGRET VIEY VLSFGVWIRTPPAYRPPNAPIL
STLPETTVVRRRGRSPRRRTSPRRRRS QSPRRRRS QSREPQC (SEQ ID NO:2)

FIG. 2